

**APPARATUS AND METHODS FOR CAPACITIVELY-COUPLED DEVICE
INPUT/OUTPUT**

ABSTRACT OF THE DISCLOSURE

5 Apparatus and methods for capacitively coupled device input/output are disclosed. In one embodiment, a connector module includes a first member having at least one first conductive lead disposed therein. A dielectric portion is coupled to an end portion of the at least one first conductive lead. A second member has at least one second conductive lead disposed therein. The first and second members are coupled such that respective end portions of the first and second conductive leads are operatively positioned and spaced apart by the dielectric portion. The dielectric portion is adapted to capacitively couple the respective end portions of the first and second conductive leads and to allow signals to be transmitted therethrough.

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